

CLAIMS

1. A device for treating fabrics in a tumble dryer
comprising a reservoir for storing a fabric treatment
5 composition and transfer means to expose fabric treatment
composition from the reservoir to airflow generated
inside the tumble drier and/or to directly contact
fabrics in the dryer, thereby transferring a portion of
the fabric treatment composition into contact with
10 fabrics in the tumble dryer during a tumble drying cycle;
characterised in that the transfer means comprises
compressed foam.
2. A device according to claim 1 wherein the compressed
15 foam is in the form of one or more layers.
3. A device according to claim 1 wherein the foam is
compressed prior to fitting in the device.
- 20 4. A device according to claim 1 wherein the compressed foam
is a polyurethane foam.
5. A device according to claim 1 where the compressed foam
is a polyester foam.
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6. A device according to claim 1 wherein the compressed foam
has a compression ratio of 8 or more, i.e. it has been
compressed to 1/8 or less than its original thickness.
- 30 7. A device according to claim 1 where the compression ratio
of the compressed foam is 10 or more.

8. A device according to claim 1 wherein the compression ratio of the compressed foam is 12.

5 9. A device according to claim 1 wherein the compression ratio of the compressed foam is 14.

10. A device according to claim 1 wherein the initial (pre-compression) pore size of the foam is 120 or less.

10 11. A device according to claim 1 wherein the initial (pre-compression) pore size of the foam is 100 or less.

12. A device according to claim 1 wherein the initial (pre-compression) pore size of the foam is 90 or less.

15 13. A device according to claim 1 wherein the initial (pre-compression) pore size of the foam is 80 or less.

20 14. A device according to claim 1 wherein the initial (pre-compression) pore size of the foam is 60 or less.

25 15. A device according to claim 1 wherein the transfer means comprises at least one outer layer of compressed foam and at least one inner flow control member.

30 16. A method of treating fabrics in a tumble dryer during multiple tumble drying cycles comprising attaching a device according to any preceding claim to the inside of a tumble dryer door and carrying out a tumble drying process with fabrics inside the tumble dryer.

17.A method according to claim 16 in which the tumble drier is operated to achieve an elevated temperature of up to 100°C.

5 18.A method according to claim 16 in which the tumble drier is operated to achieve a temperature in the range 30°C to 80°C.

10 19.A kit comprising a device according to claim 16 in combination with a fabric treatment composition optionally provided in a reservoir for use with said device.

15 20.A tumble dryer which has attached therein a device for treating fabrics in a tumble dryer comprising a reservoir for storing a fabric treatment composition and transfer means to expose fabric treatment composition from the reservoir to airflow generated inside the tumble drier and/or to directly contact fabrics in the dryer,
20 thereby transferring a portion of the fabric treatment composition into contact with fabrics in the tumble dryer during a tumble drying cycle; characterised in that the transfer means comprises compressed foam.

25 21.A reservoir for use with a device for treating fabrics in a tumble dryer comprising a reservoir for storing a fabric treatment composition and transfer means to expose fabric treatment composition from the reservoir to airflow generated inside the tumble drier and/or to
30 directly contact fabrics in the dryer, thereby transferring a portion of the fabric treatment

composition into contact with fabrics in the tumble dryer during a tumble drying cycle; characterised in that the transfer means comprises compressed foam.

5 22.A reservoir according to claim 22 comprising a body formed from three or more substantially crescent or segment shaped faces.

10 23.A device substantially as hereinbefore described with reference to and/or as illustrated in the accompanying drawings.

15 24.A method substantially as hereinbefore described with reference to and or as illustrated in the accompanying drawings.